

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A lighting ~~Lighting~~ or signaling device, in particular for a motor vehicle, which comprises:

- (a) a light guide comprising an elongated body and a pair of opposite end faces, at least one portion of light guide having ~~which is generated by the movement of~~ a roughly circular vertical transverse elementary section along a director line, the contour of the elementary section comprising a front peripheral lighting portion and a rear peripheral portion which comprises a rear light-diffusion segment, the elementary section comprising a principal optical axis with a transverse direction which extends from rear to front from the rear light-diffusion segment as far as the front peripheral lighting portion;
- (b) ~~and~~ a light source emitting light rays which enter the light guide through at least one end face so as to be channeled by the light guide;~~of the type in which whereby the~~ channeled light rays propagate in the light guide by successive total reflections in the general direction of the ~~reflector~~ director line, and in which the channeled light rays reaching the rear light-diffusion segment are diffused, the rays diffused towards the rear emerging outside the length, and the rays diffused towards the inside of the guide included in a given solid angle around the principal optical axis being refracted through the front peripheral lighting portion of the length; and
~~—— at least one reflector which redirects forward the light rays which emerge from the elementary section through its rear peripheral portion; and~~
- (c) a rear reflector ~~which is~~ situated opposite the rear light-diffusion segment along the principal optical axis ~~and~~ which reflects towards the inside of the elementary

section the rays diffused towards the rear so that they are refracted through the front peripheral lighting portion.

Claim 2 (currently amended): The device ~~Deviee~~ according to claim 1, wherein, in a plane perpendicular to the director line, the rear reflector has a shape such that the rays emitted by the rear light-diffusing segment which it reflects are refracted by the elementary section so as to emerge from the front peripheral lighting portion substantially parallel to the principal optical axis.

Claim 3 (currently amended): The device ~~Deviee~~ according to claim 1, wherein the rear reflector reflects the rays diffused towards the rear in a convergent fashion towards the rear light-diffusion segment.

Claim 4 (currently amended): The device ~~Deviee~~ according to claim 3, wherein the rear reflector has a vertical transverse elementary section in the form of an arc of a circle whose centre is arranged globally on the rear light-diffusion segment.

Claim 5 (currently amended): The device ~~Deviee~~ according to claim 3, wherein the rear reflector consists of a layer of reflective material which covers the external surface of the rear light-diffusion segment.

Claim 6 (currently amended): The device ~~Deviee~~ according to claim 2, wherein the rear reflector reflects the rays diffused towards the rear in a convergent fashion towards the rear light-diffusion segment, and wherein the front peripheral lighting portion forms a convergent lens whose object focus is approximately arranged on the rear light-diffusion segment.

Claim 7 (currently amended): The device ~~Device~~ according to claim 1, wherein:

(a) the rear peripheral portion of the elementary section comprises a top lateral light-diffusion segment which defines a secondary optical axis extending in the elementary section of the light guide from the top lateral light-diffusion segment downwards, and which diffuses the channeled light rays downwards inside the length and upwards outside the length; and

(b) ~~wherein the optical system~~ device comprises a top lateral reflector ~~which is~~ situated above the elementary section opposite the top lateral light-diffusion segment along the secondary optical axis so as to reflect the rays diffused upwards by the top lateral segment roughly forwards.

Claim 8 (currently amended): The device ~~Device~~ according to claim 7, wherein the secondary optical axis is substantially vertical and perpendicular to the principal optical axis.

Claim 9 (currently amended): The device ~~Device~~ according to claim 7, wherein the top lateral reflector has a parabolic shape whose object focus is arranged on the top lateral light-diffusion segment so as to reflect forwards, in a direction substantially parallel to the principal optical axis, the rays diffused upwards.

Claim 10 (currently amended): The device ~~Device~~ according to claim 7, which comprises a bottom lateral reflector ~~which is~~ situated under the elementary section in line with the secondary optical axis and which reflects, forwards and parallel to the principal optical axis, the rays which are diffused downwards by the top lateral light-diffusion segment and refracted by the rear peripheral portion.

Claim 11 (currently amended): The device ~~Device~~ according to claim 10, wherein the rear peripheral portion comprises a bottom part in the form of a lens whose image focus

corresponds substantially to the top lateral light-diffusion segment so that the rays diffused downwards emerge parallel to the secondary optical axis.

Claim 12 (currently amended): The device ~~Device~~ according to claim 1, wherein:

(a) the rear peripheral portion of the elementary section comprises a first top lateral light-diffusion segment and a second bottom lateral light-diffusion segment which define a secondary optical axis extending from the first top lateral light-diffusion segment as far as the second bottom lateral light-diffusion segment in a roughly vertical fashion;

(b) ~~and wherein~~ the external surfaces of the first and second lateral light-diffusion segments are covered with a reflective material so that the rays are diffused by the lateral light-diffusion segments in the general direction of the secondary optical axis towards the inside of the elementary section;

(c) ~~wherein~~ the parts of the peripheral portion opposite to each of the lateral light-diffusion segments are in the form of lenses whose object focus corresponds substantially to the opposite lateral light-diffusion segment so that the light rays emerge from the light guide parallel to the secondary optical axis; and

(d) ~~wherein~~ the device comprises two lateral reflectors which are situated respectively below and above the elementary section opposite the lateral segments and which reflect the ~~said~~ emerging light rays roughly towards the front.